

U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

STRUCTURE SECTIONS

COLORADO
OURAY QUADRANGLE

LEGEND

IGNEOUS ROCKS

SHEET SYMBOL SECTION SYMBOL

Tan

Intrusive andesite
(sheeted dikes and cross-cutting bodies)

Trh

Intrusive rhyolite
(irregular cross-cutting bodies)

Tdc

Difficulty Creek latite
(quartz and biotite important constituents, intrusive masses and dikes)

Taf

American Flat latite
(quartz, biotite, and fluid texture characteristic, intrusive sheets)

Tc

Cimarron Creek latite
(quartz and hypersthene characteristic constituents, intrusive sheets and dikes)

Tl

Latite of several types
(unlike those separately mapped, intrusive sheets and dikes)

Tqm

Quartz monzonite porphyry
(laccoliths, cross-cutting bodies and dikes)

Tp

Potosi volcanic series
(flows and tuffs of quartz latite and rhyolite)

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Th

Henson tuff
(well-bedded, fine greenish, andesitic tuff)

Tpa

Pyrroxene andesite
(flows bearing augite and hypersthene)

Tb

Burns tuff
(fine bedded tuff of latite rocks with thin limestone lenses)

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Taj

San Juan tuff
(bedded tuff breccia and agglomerate of andesitic material)

db

Diabase dikes

Faults

Concealed faults
(covered by younger deposits)

Strike and dip of stratified rocks

LEGEND

SEDIMENTARY ROCKS

SHEET SYMBOL SECTION SYMBOL

Qrs

Rock streams
(rills like masses which have moved on their rock bases and simulate glaciers in form)

Qrl

Recent landslides

Qal

Alluvium
(sand and silt in valley bottoms)

Qlt

Later terrace gravels

Qlm

Later moraines and glacial drift
(boulders, gravel, and sand)

Qel

Earlier landslides

Qea

Earlier alluvium
(gravel, boulders, and sand in terraces)

Qet

Earlier terrace gravels
(gravel and boulders with fine reddish soil)

Qem

Earlier moraines
(boulders and disintegrating angular blocks)

Tr

Telluride conglomerate
(boulders of granite, schist, quartzite, and limestone, in fine matrix)

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Kmv

Mesaverde formation
(alternating sandstones and shales, fossiliferous in part, contains workable coal seams)

Kmc

Mancos shale
(dark fossiliferous shale with local calcareous and sandy layers)

Kd

Dakota sandstone
(bedded sandstone and shales, fossiliferous in part, contains workable coal seams)

Jme

McElmo formation
(alternating sandstones and shales)

Jlp

La Plata sandstone
(white fossiliferous sandstone with thin blue limestone or calcareous shale)

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Td

Dolores formation
(red grit, sandstone, and shales with one or more layers of fossiliferous limestone conglomerate at the base)

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Cc

Cutler formation
(red sandstone, grit, conglomerate, and some calcareous shale)

Ch

Hermosa formation
(grit, sandstone, shale, and fossiliferous limestone of gray, brown, and pink color)

Cm

Molas formation
(red calcareous sandy shale with thin fossiliferous limestone layers)

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DCo

Ouray limestone
(fossiliferous, white or light pink, saccharoidal limestone with a few quartzite layers)

De

Elbert formation
(calcareous shale, limestone, and quartzite, characteristic of salt craters)

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Au

Uncompahgre formation
(massive white or gray quartzite, locally conglomeratic, with dark shale bands, Au)

Legend is continued on the left margin.



E. M. Douglas, Geographer in charge.
Triangulation by W. M. Beaman.
Topography by W. M. Beaman, J. F. McBeth, and Arthur Stiles.
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